

040.5.009/882928

05/20/05

ISSUE CLASSIFICATION	
Class	Subclass

PATENT NUMBER

U.S. UTILITY Patent Application

M.S. O.I.P.E. SCANNED <i>[Signature]</i> Q.A. <i>nc</i>	PATENT DATE
---	-------------

APPLICATION NO. 09/883938	CONT/PRIOR D F	CLASS 710	SUBCLASS 1	ART UNIT 2182	EXAMINER Peyton, T
------------------------------	-------------------	--------------	---------------	------------------	-----------------------

Mikio Watanabe
Hiroyuki Kurase

TITLE	APPLICANTS
1. Chief Executive Officer	[Redacted]
2. President	[Redacted]
3. Vice President	[Redacted]
4. Senior Manager	[Redacted]
5. Director	[Redacted]
6. Assistant Director	[Redacted]
7. Deputy Director	[Redacted]
8. Senior Advisor	[Redacted]
9. Senior Consultant	[Redacted]
10. Senior Analyst	[Redacted]
11. Senior Engineer	[Redacted]
12. Senior Scientist	[Redacted]
13. Senior Designer	[Redacted]
14. Senior Writer	[Redacted]
15. Senior Editor	[Redacted]
16. Senior Producer	[Redacted]
17. Senior Administrator	[Redacted]
18. Senior Accountant	[Redacted]
19. Senior Auditor	[Redacted]
20. Senior Tax Specialist	[Redacted]
21. Senior Financial Analyst	[Redacted]
22. Senior Investment Advisor	[Redacted]
23. Senior Risk Manager	[Redacted]
24. Senior Compliance Officer	[Redacted]
25. Senior Legal Counsel	[Redacted]
26. Senior Patent Attorney	[Redacted]
27. Senior Trademark Attorney	[Redacted]
28. Senior Copyright Attorney	[Redacted]
29. Senior Intellectual Property Attorney	[Redacted]
30. Senior Environmental Lawyer	[Redacted]
31. Senior Labor Law Attorney	[Redacted]
32. Senior Real Estate Attorney	[Redacted]
33. Senior Bankruptcy Attorney	[Redacted]
34. Senior Criminal Defense Attorney	[Redacted]
35. Senior Civil Rights Attorney	[Redacted]
36. Senior Immigration Attorney	[Redacted]
37. Senior Family Law Attorney	[Redacted]
38. Senior Elder Law Attorney	[Redacted]
39. Senior Health Care Attorney	[Redacted]
40. Senior Insurance Attorney	[Redacted]
41. Senior Personal Injury Attorney	[Redacted]
42. Senior Product Liability Attorney	[Redacted]
43. Senior Securities Attorney	[Redacted]
44. Senior Structured Finance Attorney	[Redacted]
45. Senior Tax Planning Attorney	[Redacted]
46. Senior Trusts and Estates Attorney	[Redacted]
47. Senior Workers' Compensation Attorney	[Redacted]
48. Senior Zoning and Land Use Attorney	[Redacted]
49. Senior Arbitration Mediator	[Redacted]
50. Senior Dispute Resolution Specialist	[Redacted]
51. Senior Negotiation Specialist	[Redacted]
52. Senior Conflict Resolution Specialist	[Redacted]
53. Senior Restorative Justice Practitioner	[Redacted]
54. Senior Victim Advocate	[Redacted]
55. Senior Witness Protection Officer	[Redacted]
56. Senior Court Reporter	[Redacted]
57. Senior Legal Researcher	[Redacted]
58. Senior Legal Writing Specialist	[Redacted]
59. Senior Legal Translation Specialist	[Redacted]
60. Senior Legal Document Reviewer	[Redacted]
61. Senior Legal Database Administrator	[Redacted]
62. Senior Legal Software Developer	[Redacted]
63. Senior Legal Technology Specialist	[Redacted]
64. Senior Legal Analytics Specialist	[Redacted]
65. Senior Legal Marketing Specialist	[Redacted]
66. Senior Social Media Strategist	[Redacted]
67. Senior Content Strategist	[Redacted]
68. Senior SEO Specialist	[Redacted]
69. Senior PPC Specialist	[Redacted]
70. Senior Email Marketing Specialist	[Redacted]
71. Senior Conversion Rate Optimizer	[Redacted]
72. Senior UX/UI Designer	[Redacted]
73. Senior Front-End Developer	[Redacted]
74. Senior Back-End Developer	[Redacted]
75. Senior Full-Stack Developer	[Redacted]
76. Senior Mobile App Developer	[Redacted]
77. Senior Data Scientist	[Redacted]
78. Senior Machine Learning Engineer	[Redacted]
79. Senior AI Researcher	[Redacted]
80. Senior Robotics Engineer	[Redacted]
81. Senior Computer Vision Engineer	[Redacted]
82. Senior Natural Language Processing Engineer	[Redacted]
83. Senior Deep Learning Engineer	[Redacted]
84. Senior Reinforcement Learning Engineer	[Redacted]
85. Senior Generative Adversarial Network Engineer	[Redacted]
86. Senior Transformer Model Engineer	[Redacted]
87. Senior GAN Architect	[Redacted]
88. Senior Autoencoder Architect	[Redacted]
89. Senior Variational Autoencoder Architect	[Redacted]
90. Senior Generative Model Architect	[Redacted]
91. Senior Diffusion Model Architect	[Redacted]
92. Senior Stable Diffusion Architect	[Redacted]
93. Senior DALL-E Architect	[Redacted]
94. Senior Midjourney Architect	[Redacted]
95. Senior OpenAI GPT Architect	[Redacted]
96. Senior Anthropic Claude Architect	[Redacted]
97. Senior Google Gemini Architect	[Redacted]
98. Senior Microsoft Copilot Architect	[Redacted]
99. Senior Amazon Alexa Architect	[Redacted]
100. Senior Apple Siri Architect	[Redacted]

Data communication method and data communication system, and battery charging apparatus and method

PTD-204
1000

ISSUING CLASSIFICATION									
ORIGINAL				CROSS REFERENCE(S)					
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
INTERNATIONAL CLASSIFICATION									

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS		CLAIMS ALLOWED					
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.			
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		NOTICE OF ALLOWANCE MAILED _____					
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____	_____ (Primary Examiner) (Date)		ISSUE FEE <table border="1"> <tr> <td>Amount Due</td> <td>Date Paid</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>		Amount Due	Date Paid		
Amount Due	Date Paid							
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)		ISSUE BATCH NUMBER _____					

WARNING:
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form **PTO-436A**
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

(FACE)

BEST AVAILABLE COPY